

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

FIRST NAMED INVENTOR : Hanxiang SHI **Confirmation No.: 5887**  
FOR : MULTIPHASE REACTOR  
APPLICATION NO. : 10/563,144  
FILING DATE : September 14, 2006  
EXAMINER : Jennifer A. Leung  
ART UNIT : 1797  
CUSTOMER NO. : 23380

**AMENDMENT**

**Mail Stop AMENDMENT**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Notice of December 17, 2009, please amend the above-identified application as follows:

**Amendments to the Specification** begin on **page 2** of this paper.

**Remarks/Arguments** begin on **page 6** of this paper.

An **Appendix** including a marked up copy of the substitute specification is attached **following page 8** of this paper.